Interconnection Procedures

These interconnection procedures are based on recent FERC decisions and are identical to the Interconnection Procedures that are attached to BPA's proposed Open Access Transmission Tariff (Tariff), Attachment J, which are intended to take effect on October 1, 2001. These interconnection procedures shall be effective October 1, 2000.

Interconnections are a component of transmission service. Interconnections to the FCRTS may be requested as part of Tariff service or separately. Any facilities that interconnect to the Transmission Provider's Transmission System shall be interconnected in accordance with an interconnection agreement and Good Utility Practice. Arrangements for interconnections shall be made if no interconnection agreement exists, an existing agreement providing for an interconnection terminates or is terminated, or material changes are made to an interconnection. Arrangements for interconnections shall be pursuant to the following procedures:

1. **Request for transmission service or interconnection:**

a) if part of Tariff service, pursuant to the procedures for arranging for firm Tariff transmission service and the reservation timing requirements of the Commission's Business Practice Standards for OASIS Transactions (OASIS Standards), as may be updated from time to time.

b) if separate from Tariff service, pursuant to the procedures for arranging for firm PTP transmission service and the reservation timing requirements of the OASIS Standards, as they may be updated from time to time.

2. Completed Application

Information shall include, but not be limited to:

a) For points of interconnection that integrate generation resources with the FCRTS, pursuant to the provisions for application for Tariff service or, if separate from Tariff service, in accordance with the procedures for applying for firm PTP service, and the attached BPA Form No. F6420.24, as may be updated from time to time. Transmission Provider may request additional data if required including but not limited to planned project expansions, operating restrictions or conditions, maintenance schedules, loading levels, operating levels, power flow model in an approved WSCC format, and one-line diagram of the generation project.

b) For points that interconnect loads or neighboring systems with the FCRTS, pursuant to the provisions for application for Tariff service or, if separate from Tariff service, in accordance with the procedures for applying for firm PTP service, and the attached BPA Form No. F6420.25, as updated from time to time. Transmission Provider may require additional data on interconnected loads or system interconnections with unique characteristics (e.g., eccentric loads and interruptible loads), including but not limited to operating restrictions or conditions, stability data, loading levels, operating levels, power flow model in an approved WSCC format, and one-line diagram of interconnection.

3. Response Period

Transmission Provider will process requests for interconnection using the same procedures, timelines and standards used to process requests for long-term firm transmission service under the Tariff and the OASIS Standards.

4. Studies

All requests for interconnections will be studied in the same manner as requests for Tariff transmission services. Transmission Provider will offer study agreements to reimburse Transmission Provider for performing applicable studies including System Impact Studies, Facilities Studies, and studies required in compliance with the National Environmental Policy Act (NEPA). The results of any studies will be valid as of the date of the study report for the conditions studied. Changes in generation or transmission facilities or other conditions which occur subsequent to the date of the study report may render the results contained therein no longer valid.

5. Queue

Requests for interconnections will be queued pursuant to the procedures for queuing requests for Tariff service and the OASIS Standards. Queue priority rights are retained during the study period, including any studies for the Transmission Provider's necessary environmental review and the development of any necessary environmental mitigation requirements. Environmental review may affect the timing of tendering a study, construction and interconnection agreement or Service Agreement. Failure to timely return an executed study, construction and interconnection agreement or Service Agreement after it has been tendered will result in forfeiture of all queue priority rights.

6. OASIS Posting

Transmission Provider will post the information regarding interconnection requests that is similar to the information posted for requests for Tariff service, except that Type of Service shall specify "interconnection" if no separate transmission service is requested. In such case, only the interconnection point (s) will be posted. .

7. Interconnection Agreements and Construction and Operation Agreements

The planning, design, operation, and maintenance of the interconnection shall be in accordance with the reliability standards and criteria of the North American Electric Reliability Council (NERC), the Western Systems Coordinating Council (WSCC) (including the WSCC Reliability Management System reliability criteria if applicable), the Northwest Power Pool (NWPP), as may be modified from time to time; the reliability criteria posted by the Transmission Provider and the interconnecting party, as may be modified from time to time after public review and comment; and technical interconnection requirements or standards posted by the Transmission Provider and interconnecting party for interconnections with generation, loads, and transmission facilities, as may be modified from time to time after public review and comment.

a) Interconnection Agreement will include, but not be limited to, provisions that address:

1) Safety devices and procedures. (e.g., clearance and switching)
2) Access to facilities.
3) Power quality.
4) Metering requirements.
5) Protective relay equipment
6) power system stabilizers for generators and synchronous condensers
7) Voltage schedules and voltage control.
8) Automatic voltage control equipment on generators, synchronous condensers, and static VAR compensators
9) Coordination of operating procedures
10) Exchange of operating data, as appropriate
11) Outage and maintenance coordination.
12) Communication requirements and coordination.
13) Interconnection Curtailment, Interruption or Disconnection procedures and equipment.
14) Remedial Action Schemes (RAS), as appropriate (e.g., generation dropping scheme for protection).
15) Load shedding scheme (if applicable to the specific circumstances).
16) Restoration Procedures

b) Construction Agreement, if construction required, providing Plan of Service, testing and energization, and, if appropriate, operation and maintenance, and cost responsibilities.

8. The interconnection component of transmission service conveys a right to transmission capacity at only the point of interconnection and does not provide or assure that any other component of transmission service is available.